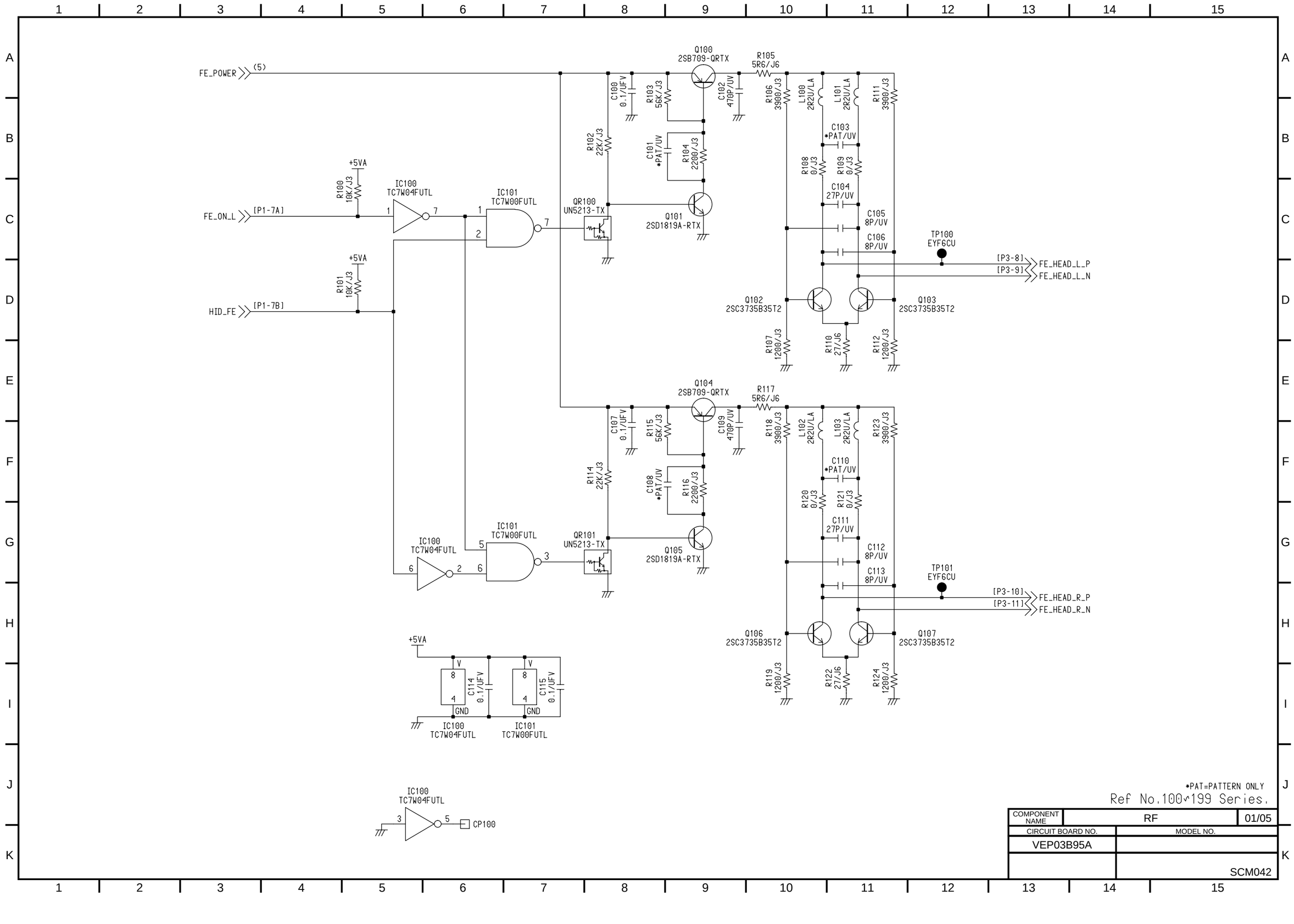
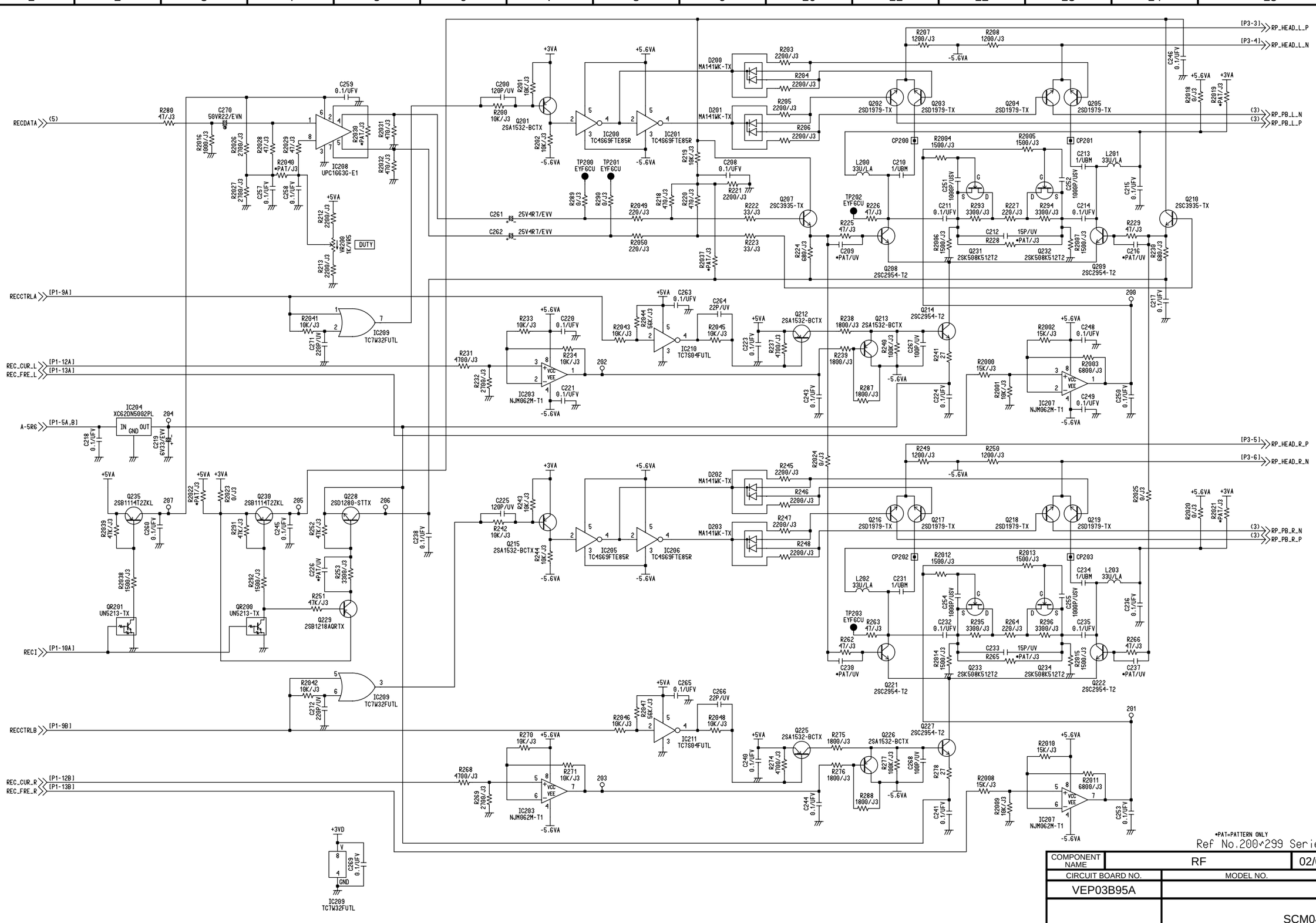
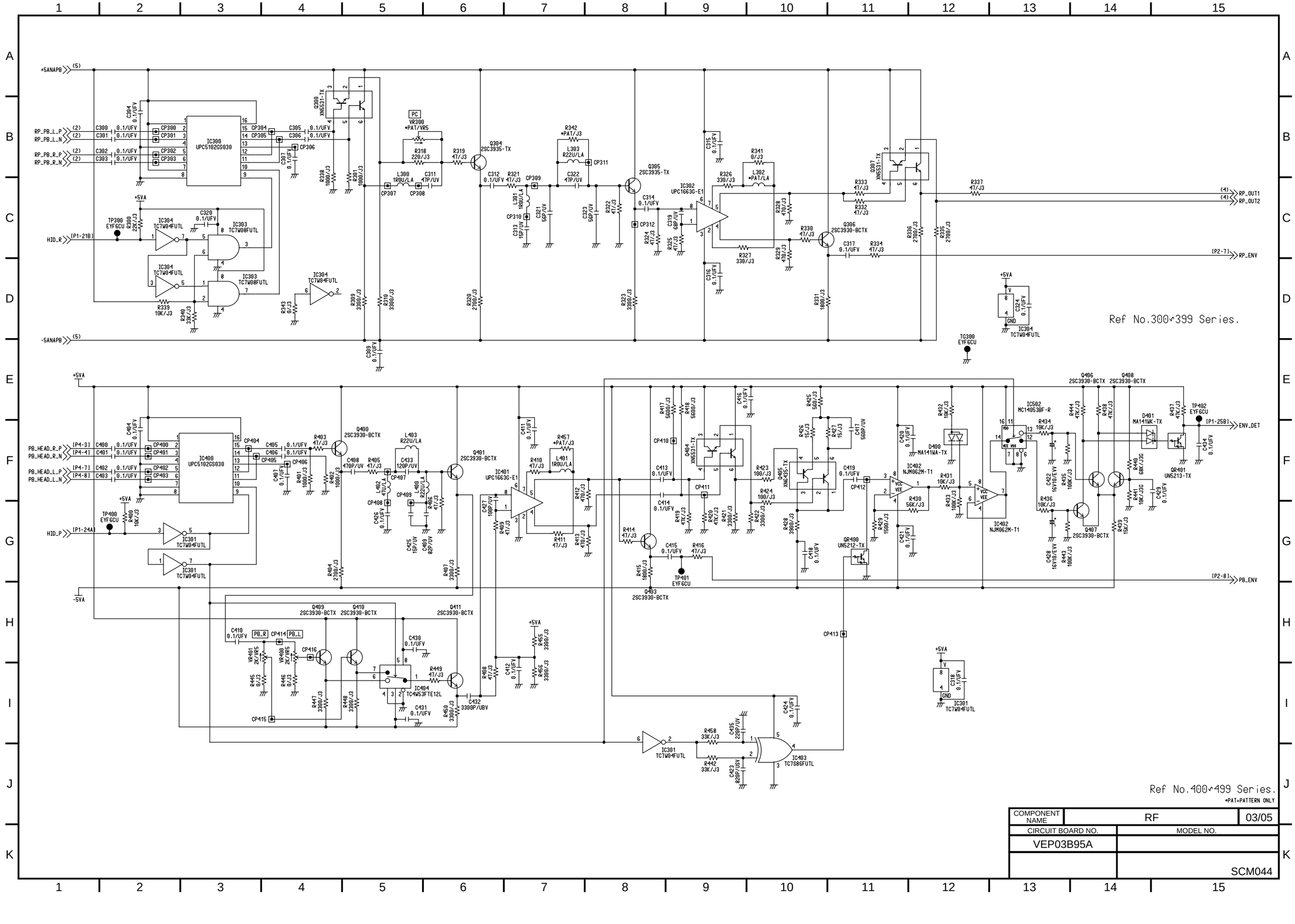
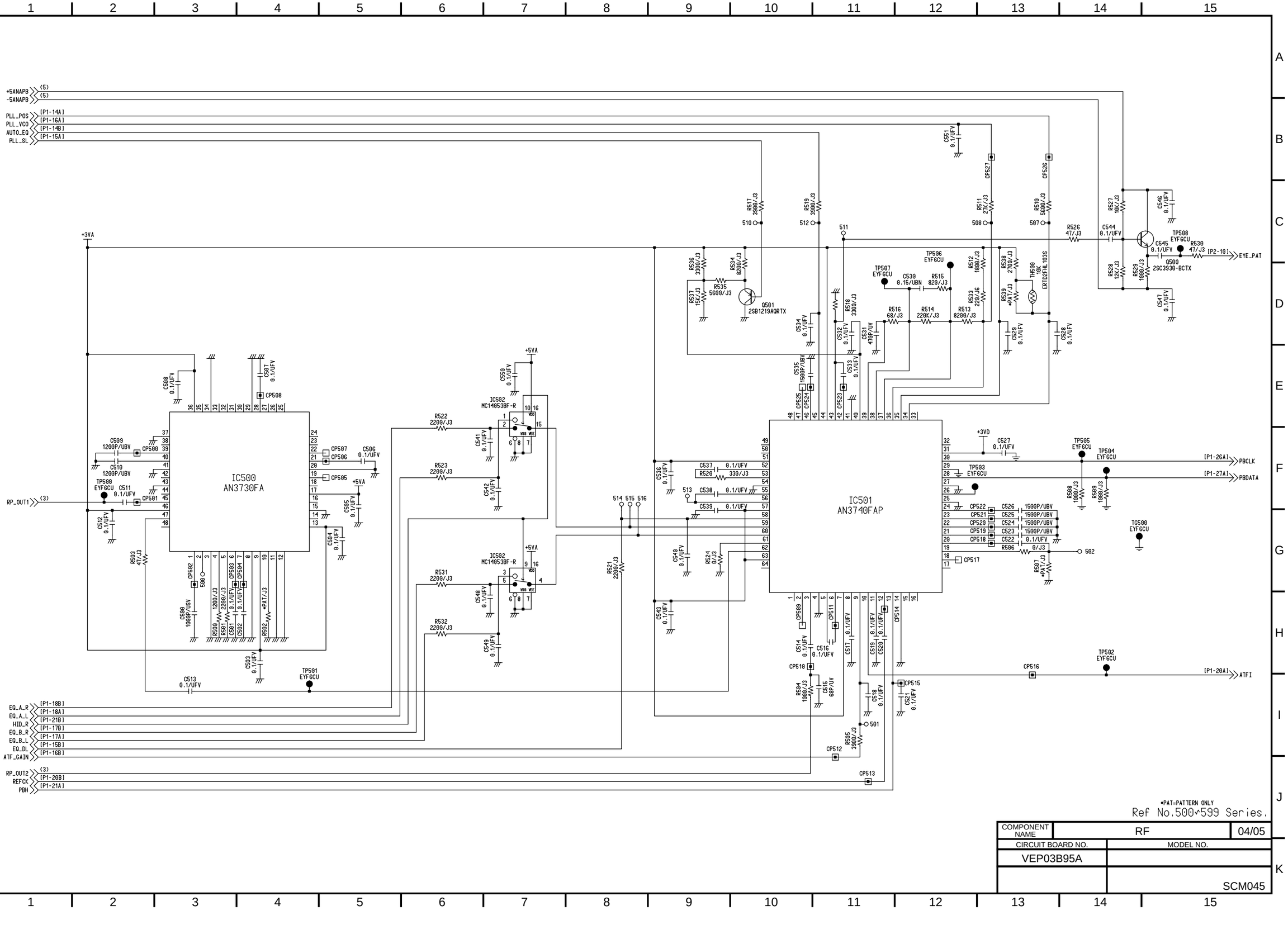
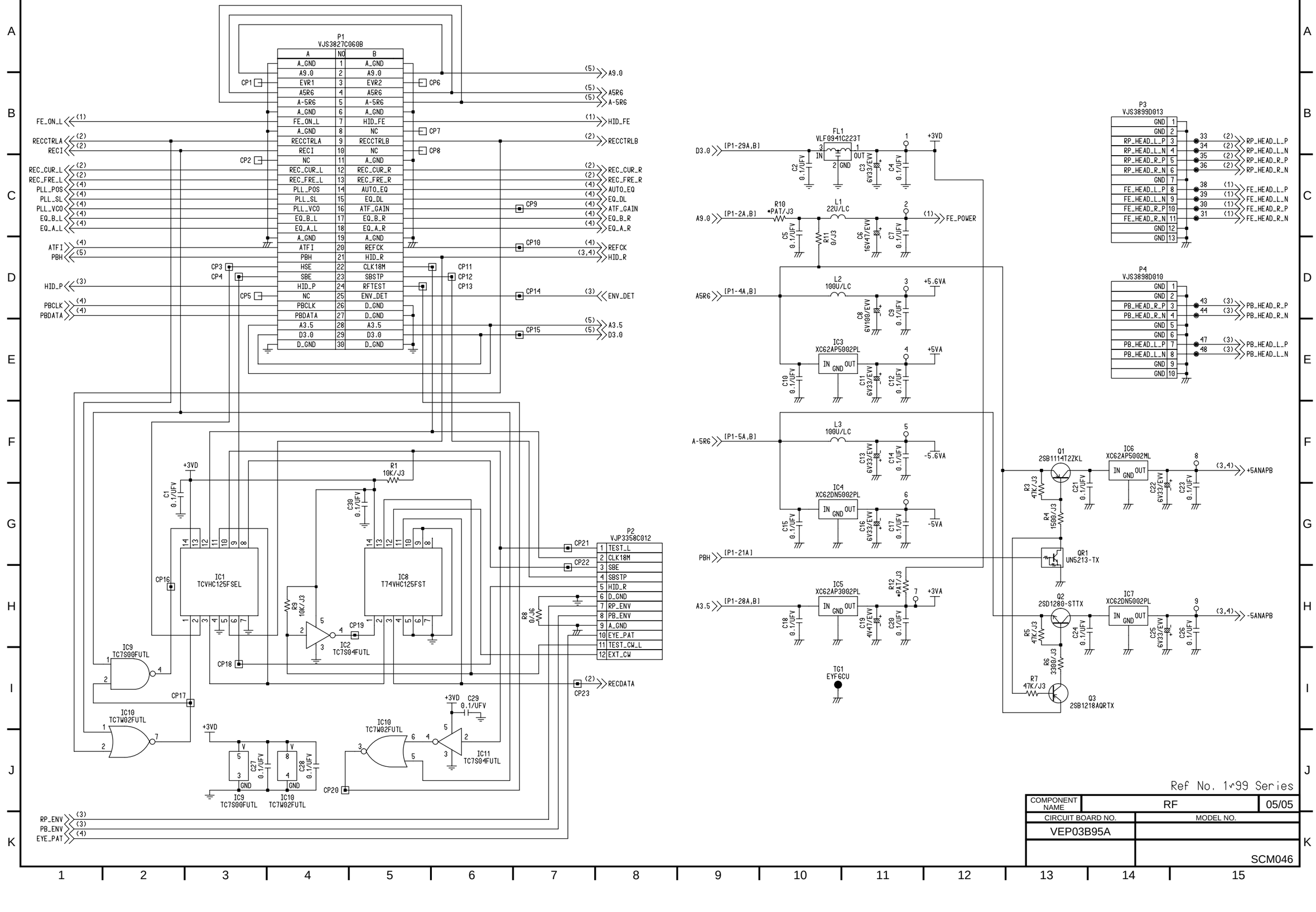

FE_POWER
(5)
Q100
2SB709-QRTX
R105
5R6/J6
C100
0.1/UFV
R103
56K/J3
C102
470P/UV
R106
3900/J3
L100
2R2U/LA
L101
2R2U/LA
R111
3900/J3
C103
*PAT/UV
R102
22K/J3
C101
*PAT/UV
R104
2200/J3
R108
0/J3
R109
0/J3
C104
27P/UV
+5VA
R100
10K/J3
IC100
TC7W04FUTL
IC101
TC7W00FUTL
FE_ON_L
[P1-7A]
QR100
UN5213-TX
Q101
2SD1819A-RTX
C105
8P/UV
C106
8P/UV
TP100
EYF6CU
[P3-8]
[P3-9]
FE_HEAD_L_P
FE_HEAD_L_N
+5VA
R101
10K/J3
HID_FE
[P1-7B]
Q102
2SC3735B35T2
Q103
2SC3735B35T2
R107
1200/J3
R110
27/J6
R112
1200/J3
Q104
2SB709-QRTX
R117
5R6/J6
C107
0.1/UFV
R115
56K/J3
C109
470P/UV
R118
3900/J3
L102
2R2U/LA
L103
2R2U/LA
R123
3900/J3
R114
22K/J3
C108
*PAT/UV
R116
2200/J3
C110
*PAT/UV
R120
0/J3
R121
0/J3
C111
27P/UV
IC101
TC7W00FUTL
IC100
TC7W04FUTL
QR101
UN5213-TX
Q105
2SD1819A-RTX
C112
8P/UV
C113
8P/UV
TP101
EYF6CU
[P3-10]
[P3-11]
FE_HEAD_R_P
FE_HEAD_R_N
Q106
2SC3735B35T2
Q107
2SC3735B35T2
R119
1200/J3
R122
27/J6
R124
1200/J3
+5VA
C114
0.1/UFV
C115
0.1/UFV
GND
IC100
TC7W04FUTL
IC101
TC7W00FUTL
IC100
TC7W04FUTL
CP100
*PAT=PATTERN ONLY
Ref No.100~199 Series.
COMPONENT NAME
RF
01/05
CIRCUIT BOARD NO.
VEP03B95A
MODEL NO.
SCM042


RECDATA
RECCTRLA
REC_CUR_L
REC_FRE_L
A-5R6
RECI
RECCTRLB
REC_CUR_R
REC_FRE_R
RP_HEAD_L_P
RP_HEAD_L_N
RP_PB_L_N
RP_PB_L_P
RP_HEAD_R_P
RP_HEAD_R_N
RP_PB_R_N
RP_PB_R_P
DUTY
IC200 TC4S69FTE85R
IC201 TC4S69FTE85R
IC202 TC4S69FTE85R
IC206 TC4S69FTE85R
IC208 UPC1663G-E1
IC209 TC7W32FUTL
IC210 TC7S04FUTL
IC211 TC7S04FUTL
IC203 NJM062M-T1
IC207 NJM062M-T1
IC204 XC62DN5002PL
Q201 2SA1532-BCTX
Q202 2SD1979-TX
Q203 2SD1979-TX
Q204 2SD1979-TX
Q205 2SD1979-TX
Q207 2SC3935-TX
Q208 2SC2954-T2
Q209 2SC2954-T2
Q210 2SC3935-TX
Q212 2SA1532-BCTX
Q213 2SA1532-BCTX
Q214 2SC2954-T2
Q215 2SA1532-BCTX
Q216 2SD1979-TX
Q217 2SD1979-TX
Q218 2SD1979-TX
Q219 2SD1979-TX
Q221 2SC2954-T2
Q222 2SC2954-T2
Q225 2SA1532-BCTX
Q226 2SA1532-BCTX
Q227 2SC2954-T2
Q228 2SD1280-STTX
Q229 2SB1218AQRTX
Q231 2SK508K512T2
Q232 2SK508K512T2
Q233 2SK508K512T2
Q234 2SK508K512T2
Q235 2SB1114T2ZKL
Q239 2SB1114T2ZKL
QR201 UN5213-TX
QR209 UN5213-TX
D200 MA141WK-TX
D201 MA141WK-TX
D202 MA141WK-TX
D203 MA141WK-TX
CP200
CP201
CP202
CP203
TP200 EYF6GCU
TP201 EYF6GCU
TP202 EYF6GCU
TP203 EYF6GCU
+3VA
+5.6VA
+5VA
+3VD
-5.6VA
-5.6VA
-5.6VA



COMPONENT NAME	RF	03/05
CIRCUIT BOARD NO.		MODEL NO.
VEP03B95A		
		SCM044


+5ANAPB (5)
-5ANAPB (5)
PLL_POS [P1-14A]
PLL_VCO [P1-16A]
AUTO_EQ [P1-14B]
PLL_SL [P1-15A]
+3VA
+5VA
+3VD
IC500
AN3730FA
IC501
AN3740FAP
IC502
MC14053BF-R
Q501
2SB1219AQRTX
Q500
2SC3930-BCTX
TH500
10K
ERTD2FHL103S
TP501 EYF6CU
TP502 EYF6CU
TP503 EYF6CU
TP504 EYF6CU
TP505 EYF6CU
TP506 EYF6CU
TP507 EYF6CU
TP508 EYF6CU
TP509 EYF6CU
TP510 EYF6CU
RP_OUT1 (3)
RP_OUT2 (3)
EQ_A_R [P1-18B]
EQ_A_L [P1-18A]
HID_R [P1-21B]
EQ_B_R [P1-17A]
EQ_B_L [P1-15B]
EQ_DL [P1-16B]
ATF_GAIN
REFCK [P1-20B]
PBH [P1-21A]
PBCLK [P1-26A]
PBDATA [P1-27A]
ATFI [P1-20A]
EYE_PAT [P2-19]
•PAT=PATTERN ONLY
Ref No.500~599 Series.
COMPONENT NAME
RF
04/05
CIRCUIT BOARD NO.
VEP03B95A
MODEL NO.
SCM045


P1
VJS3827C060B
A NO B
A_GND 1 A_GND
A9.0 2 A9.0
EVR1 3 EVR2
A5R6 4 A5R6
A-5R6 5 A-5R6
A_GND 6 A_GND
FE_ON_L 7 HID_FE
A_GND 8 NC
RECCTRLA 9 RECCTRLB
RECI 10 NC
NC 11 A_GND
REC_CUR_L 12 REC_CUR_R
REC_FRE_L 13 REC_FRE_R
PLL_POS 14 AUTO_EQ
PLL_SL 15 EQ_DL
PLL_VCO 16 ATF_GAIN
EQ_B_L 17 EQ_B_R
EQ_A_L 18 EQ_A_R
A_GND 19 A_GND
ATFI 20 REFCK
PBH 21 HID_R
HSE 22 CLK18M
SBE 23 SBSTP
HID_P 24 RFTEST
NC 25 ENV_DET
PBCLK 26 D_GND
PBDATA 27 D_GND
A3.5 28 A3.5
D3.0 29 D3.0
D_GND 30 D_GND
CP1 CP2 CP3 CP4 CP5 CP6 CP7 CP8 CP9 CP10 CP11 CP12 CP13 CP14 CP15
FE_ON_L RECCTRLA RECI REC_CUR_L REC_FRE_L PLL_POS PLL_SL PLL_VCO EQ_B_L EQ_A_L ATFI PBH HID_P PBCLK PBDATA
A9.0 A5R6 A-5R6 HID_FE RECCTRLB REC_CUR_R REC_FRE_R AUTO_EQ EQ_DL ATF_GAIN EQ_B_R EQ_A_R REFCK HID_R ENV_DET A3.5 D3.0
P2
VJP3358C012
1 TEST_L
2 CLK18M
3 SBE
4 SBSTP
5 HID_R
6 D_GND
7 RP_ENV
8 PB_ENV
9 A_GND
10 EYE_PAT
11 TEST_CW_L
12 EXT_CW
CP21 CP22 CP23
RECDATA
IC1 TCVHC125FSEL
IC8 T74VHC125FST
IC2 TC7S04FUTL
IC9 TC7S00FUTL
IC10 TC7W02FUTL
IC11 TC7S04FUTL
CP16 CP17 CP18 CP19 CP20
R1 10K/J3
R8 0/J6
R9 10K/J3
C1 0.1/UFV
C27 0.1/UFV
C28 0.1/UFV
C29 0.1/UFV
C30 0.1/UFV
+3VD
RP_ENV PB_ENV EYE_PAT
FL1 VLF0941C223T
L1 22U/LC
L2 100U/LC
L3 100U/LC
IC3 XC62AP5002PL
IC4 XC62DN5002PL
IC5 XC62AP3002PL
IC6 XC62AP5002ML
IC7 XC62DN5002PL
R10 *PAT/J3
R11 0/J3
R12 *PAT/J3
C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C22 C23 C24 C25 C26
+3VD +5.6VA +5VA -5.6VA -5VA +3VA
D3.0 A9.0 A5R6 A-5R6 PBH A3.5
[P1-29A,B] [P1-2A,B] [P1-4A,B] [P1-5A,B] [P1-21A] [P1-28A,B]
FE_POWER
TG1 EYF6CU
Q1 2SB1114T2ZKL
Q2 2SD1280-STTX
Q3 2SB1218AQRTX
QR1 UN5213-TX
R3 47K/J3
R4 1500/J3
R5 47K/J3
R6 3300/J3
R7 47K/J3
+5ANAPB -5ANAPB
P3
VJS3899D013
GND 1
GND 2
RP_HEAD_L_P 3
RP_HEAD_L_N 4
RP_HEAD_R_P 5
RP_HEAD_R_N 6
GND 7
FE_HEAD_L_P 8
FE_HEAD_L_N 9
FE_HEAD_R_P 10
FE_HEAD_R_N 11
GND 12
GND 13
RP_HEAD_L_P RP_HEAD_L_N RP_HEAD_R_P RP_HEAD_R_N
FE_HEAD_L_P FE_HEAD_L_N FE_HEAD_R_P FE_HEAD_R_N
P4
VJS3898D010
GND 1
GND 2
PB_HEAD_R_P 3
PB_HEAD_R_N 4
GND 5
GND 6
PB_HEAD_L_P 7
PB_HEAD_L_N 8
GND 9
GND 10
PB_HEAD_R_P PB_HEAD_R_N
PB_HEAD_L_P PB_HEAD_L_N
Ref No. 1~99 Series
COMPONENT NAME
RF
05/05
CIRCUIT BOARD NO.
VEP03B95A
MODEL NO.
SCM046